

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph starting at page 8 line 9, with the following paragraph:

The present invention is further directed to treating pathogenic yeast-related disease states. Methods for treating such diseases include the use of antibodies produced by the hybridoma cell lines F6-6C5-H4, F6-5F8-E10, and 5D8-A12CA and the use of peptides analogous in structure to the bonding domains exhibited on the surface of hydrophobic yeast cell wall proteins, to interfere with yeast cells' ability to bond to host tissues. More particularly, the peptides are of the general formula G-X₁-X₂-R (SEQ ID NO: 1), wherein G is glutamate or glutamine, X₁ is a bond or an amino acid, X₂ is an amino acid, and R is a tripeptide wherein at least one amino acid of the tripeptide is valine, leucine, isoleucine, phenylalanine, tyrosine, or tryptophan.

Please replace the paragraph starting at page 9, line 20, with the following paragraph:

Fig. 5: DNA sequence of 6C5 antigen (SEQ ID NO: 39) and deduced amino acid sequence (SEQ ID NO: 40).

Please replace the paragraph starting at page 10, line 7, with the following paragraph:

The 6C5 protein antigen is one gene product of a family of four or five similar gene products in *C. albicans*. The gene sequence of 6C5 (Fig. 5) encodes a 337 amino acid protein with a predicted molecular weight of 38.228 kD and isoelectric point of 5.80, in close agreement experimental determinations. The genetically

tractable yeast *Saccharomyces cerevisiae* has a single homologous gene of unknown function that is very similar in protein sequence. The 6C5 monoclonal antibody epitope was mapped by phage display panning, revealing the following epitopes (SEQ ID NOS: 2-16, respectively):

On page 11, please replace line 17 as follows:

Panned 5D8 antigen epitopes (SEQ ID NOS: 17- 20, respectively:

On page 11, please replace line 22 as follows:

5D8 peptides derived by second mass spec. analysis (SEQ ID NOS: 21-23, respectively):

On page 12, please replace line 7 as follows:

Mass-spec identified peptides (SEQ ID NOS: 24-33, respectively):

Please replace the paragraph starting at page 20, line 9 with the following paragraph:

The peptides of the present invention are of the general formula:

$G-X_1-X_2-R$ (SEQ ID NO: 1)

wherein G is glutamate or glutamine; X_1 is a peptide bond or an amino acid; X_2 is an amino acid; and R is a sequence of three amino acids at least one of which is selected from the group: valine, leucine, isoleucine, phenylalanine, tyrosine, and tryptophan.P

Please replace the paragraph starting at page 20, line 16, with the following paragraph:

In one embodiment of this invention there is provided a peptide of the above formula, wherein G is Glutamate, X₁ is a peptide bond, X₂ is Proline, and R is selected from the group consisting of the tripeptide sequences (SEQ ID NOS: 34-36, respectively):

Please replace the paragraph starting at page 20, line 22, with the following paragraph:

In another embodiment there is provided a peptide of the above formula, wherein G is Glutamate, X₁ is a peptide bond, X₂ is Proline, and R is the tripeptide sequence: Leucine-Phenylalanine-Valine (SEQ ID NO 37).